

5-7-80
12-3-8 v.3

Amendment No. 3 in accordance with
application dated March 26, 1980

STATE OF WASHINGTON

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RADIOACTIVE MATERIALS LICENSE

Pursuant to the Nuclear Energy and Radiation Control Act, RCW 70.8, and the Radiation Control Regulations, Part III, and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing such licensee to transfer, receive, possess and use the radioactive material(s) designated below; and to use such radioactive materials for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules and regulations promulgated by the State Department of Social and Health Services.

Licensee 1. Name Lone Star Industries, Inc. 2. Address 3801 E. Marginal Way S. Seattle, Washington 98134		3. License number WN-I056-1 is amended in its entirety to read as follows: 4. Expiration date April 30, 1985 5. Reference number
6. Radioactive Materials (element and mass number) A. Cesium 137	7. Chemical and/or physical form A. Sealed sources (Ohmart Model A-2102)	8. Maximum quantity licensee may possess at any one time A. Two sources not to exceed 150 millicuries each

CONDITIONS

9. Authorized use. (Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.)
- A. To be used in Ohmart Model HM-8 source holder contained in an Ohmart Model CP-4 DE density gauge for measurement of specific gravity of material in a pipe.
10. The licensee shall comply with the provisions of Chapter 402-24 WAC, "Standards for Protection Against Radiation"; Chapter 402-10 WAC, "Statement of Philosophy"; Chapter 402-12 WAC, "General Provisions"; and Chapter 402-48 WAC, "Notices, Instructions, and Reports to Workers: Inspections".
11. Radioactive materials shall be used by, or under the supervision of, J.A. Moseback, Radiation Protection Officer, T.G. Wells, or K.J. Rone.
12. Sealed sources containing radioactive materials shall not be opened or removed from their respective source holders by the licensee.
13. A. Each sealed source described in Item 7A above shall be tested for leakage and/or contamination at intervals not to exceed 3 years. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, the sealed source shall not be put into use until tested.

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License Number WN-1056-1

- B. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surface of the device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the department.
- C. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with state regulations. A report shall be filed within five days of the test with the department describing the equipment involved, the test results and the corrective action taken.
- D. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically authorized by the department, the U.S. Nuclear Regulatory Commission, or any Agreement State to perform such services.
14. Except as specifically provided by this license, the licensee shall possess and use radioactive material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in the documents listed below. The department's "Rules and Regulations for Radiation Protection" shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.
- A. Application dated April 15, 1970
- B. Application dated March 26, 1980

FOR THE STATE DEPARTMENT OF SOCIAL AND HEALTH SERVICES

Date May 7, 1980 (LA 4-1)
NPK/RHS

DSHS 14-99A

By Nancy P. Kirner CHP
Nancy P. Kirner, Supervisor
Radioactive Materials Unit

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